

10th Class 2017

| | | |
|------------------|------------------|----------------|
| Biology | Group-I | Paper-II |
| Time: 15 Minutes | (Objective Type) | Max. Marks: 12 |

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- The total amount of living matter in an ecosystem at any time is called:
- (a) Biomass ✓ (b) Energy
(c) Food chain (d) Food web
- 2- Penicillin is discovered by:
- (a) Joseph Lister
(b) Edward Jenner
(c) Alexander Flemming ✓
(d) Bu-Ali Sina
- 3- E-coli bacterium was made in:
- (a) 1970 A.D (b) 1977 A.D ✓
(c) 1975 A.D (d) 1980 A.D
- 4- Example of hydrophyte plants is:
- (a) Water lily ✓ (b) Cactus
(c) Sea grass (d) Grass
- 5- Pair of spinal nerves are:
- (a) 12 (b) 21
(c) 13 (d) 31 ✓
- 6- A sexual reproduction in yeast takes place by:
- (a) Budding ✓ (b) Binary fission
(c) Multiple fission (d) Spore formation

7- **Example of co-dominance is:**

- (a) Blood group A (b) Blood group B
(c) Blood group O (d) Blood group AB ✓

8- **The alternate forms of a gene are called:**

- (a) Genotype (b) Phenotype
(c) Alleles ✓ (d) Replication

9- **Gaseous exchange occur in human:**

- (a) Pharynx (b) Trachea
(c) Bronchi (d) Alveoli ✓

10- **The cell results by combining sperm and ovum:**

- (a) Nucleus (b) Zygote ✓
(c) Genes (d) Chromosomes

11- **Number of bones in both feet are:**

- (a) 22 (b) 12
(c) 56 ✓ (d) 108

12- **The myelin sheath is secreted by:**

- (a) Nodes of Ranvier (b) Axon
(c) Dendrites (d) Schwann cells ✓